



Esso News Goes Offset; Gets New Look

Starting with this issue, the Aruba Esso News goes offset, while the publication also undergoes some facelifting.

The new look of the company publication is chiefly on page one which has a new masthead. Other changes are the use of only single columns instead of the former five-line two-column lead, elimination of column division lines, while the column width is slightly decreased.

The offset process has become possible now as V.A.D. (United Antillean Print Shops) received an offset press with photo and processing equipment. We had been using a letterpress process.

Offset is a photographic process. The printing is possible through the use of the principle that oil and water do not mix. In letter press, the im-

pression is pressed on the paper using metal type.

The advantage of the offset process is two-fold. It will now be possible to have more up-to-date photo coverage as a picture can actually be included at the last minute before laying out a page. In addition, the two-week advance mailing of pictures for making clichés or plates in Miami has been eliminated. The new printing process also eliminates some cost of making clichés.

The Aruba Esso News started with a small format with three columns in December, 1940. It got the tabloid format in July, 1945 with four columns. The five-column tabloid was introduced in March, 1950.

The previous format dates back to June, 1955, when the Esso News was first printed in Aruba.

Aruba Esso News Ta Usa Sistema Offset y Ta Haya Aparencia Nobo

Cumizando cu e edicion aki, Aruba Esso News ta usa sistema offset pa drukmento, mientras e periodico tambe ta haya un aspecto nobo.

E aparencia nobo di e periodico di compania ta principalmente notable ariba pagina uno, cual tin un letrero nobo. Otro cambianan ta e uso di solamente kolom enkel envez di e anterior cinco linja di dos kolom pa principia un articulo, y eliminacion di e linja entre e kolomnan, mientras e hanchura di e kolomnan ta ser reduci un poco.

E proceso di offset a bira posible awor cu V.A.D. (Verenigde Antilliaanse Drukkerijen) a cumpra un prensa di offset hunto cu equipo pa saka fotografia y laba portret. Den pasado nos tabata usa e proceso di druk cu letter di chumbo directamente.

Offset ta un proceso usando fotografia pa pone e letternan y portret ariba un plachi di metal. E drukmento ta posible pa motibo cu e principio ta ser

usá cu azeta y awa no ta mezcla cu otro. Den drukmento cu letter di chumbo, e impresion di e letternan ta ser imprimí ariba e papel usando letternan di metal.

Tin dos ventaha den e proceso di offset. Awor lo ta posible pa publica portretnan mas reciente como un portret por ser inclui den e periodico na ultimo momento promer cu compone un pagina. Ademas, e dos siman avanzá di manda portret na Miami pa traha cliché a keda eliminá. E proceso nobo di drukmento aki tambe ta elimina algun costo di trahamento di cliché.

Aruba Esso News a cumenza cu un tamanjo chikito cu tres kolom na December, 1940. Despues el a bira un periodico cu ilustracion na Juli, 1945 cu cuatro kolom. Luego e periodico a ser cambiá pa cinco kolom na Maart, 1950.

E forma anterior di Esso News a principia desde Juni, 1955, tempo cu Esso News a cumenza ser gedruk na Aruba.

Cuatro Idea Ta Trece Premio Cash y Regalo Durante Januari 1967

Dos sugeridor nobo tabata entre e ganadornan di CYI pa Januari. Nan a recibi regalo como bonus ademas di nan premio regular na placa pa nan idea.

L. V. de Kort, un levelman den Process-Refining, a recibi un premio inicial di Fls. 100. El a sugeri pa instala un linja adicional hunto cu un blokvalve na un valvula di seguridad na Visbreaker pa hiba e "tar" for di "heat exchanger" pa un otro linja.

Sr. de Kort a haya tambe su regalo di bonus.

Un otro sugeridor nobo tabata Joaquin J. Giel, un asistente operator den Process-Refining. El a gana Fls. 25 pa cada uno di su dos ideanan. Ademas di su premio na placa, el a recibi un regalo di bonus.

Un suma di Fls. 45 a bai pa Ferdinand R. Lo Fo Sang, un Electrician A den Mechanical-Electrical. Su idea tabata pa instala un switch di control den e circuito di starter di motor 2524 na Edeleanu Plant.

Alex Hoo Promovi Pa Senior Engineer; Luis Giel Ta Bira Area Supervisor

Promocionnan efectivo Maart 1 a haci Alexander H. Hoo un "senior engineer" y Luis R. Giel un "area supervisor". Sr. Hoo actualmente ta asigná como supervisor quimico interino den Depto. Tecnico-Laboratorio y Sr. Giel ta actua como supervisor regional den Mechanical-M&C.

Sr. Hoo su promer empleo tabata den Depto. Ehecutivo na September, 1956. Na 1957 el a sali pa Estados Unidos cu un beca di Lago pa studia ingenieria quimica.

El a bolbe na Lago na Juli, 1962 cu un grado di bachiller den ingenieria quimica for di Illinois Institute of Technology y a ser asigná como un ingeniero den Technical-Process. Promer cu su reciente promocion, Sr. Hoo tabata ariba asignacion special den Lab. Inspection desde September 1966.

Durante su cinco anja di servicio, Sr. Hoo a sigui un curso den disenjo di proceso na Cali, Colombia, y un curso den control automatico pa proceso na Lago. El a traha como ingeniero di contacto pa varios planta den refineria.



A. H. Hoo



L. R. Giel

Sr. Hoo ta gusta beisbol, futbol y ta asisti den programan educacional, manera e programa di cancer y e programa di "science fair" na television. El ta casá y tin dos yiu.

Sr. Giel tabata un estudiante di School di Ofishi di Lago su klas di anja 1946. Despues di a gradua, el a bai traha den Depto. Mechanical na unda el a keda te October, 1958, tempo cu el a cambia pa Technical-Engineering. Na October, 1964 el a bai traha back na Mechanical-Engineering como un tecnico di ingenieria, cual posicion el tabata ocupa te na e promocion di Maart 1.

Na 1966, Sr. Giel tabata ariba un asignacion di prestamo di seis luna cu Fertica na Costa Rica y El Salvador como un consehero pa inspeccion di equipo. Durante e periodo ey, el a haci viahe di negoshi pa Nicaragua y Honduras.

Sr. Giel ta un fanatico di futbol y ta gusta piscamento. Awor el ta vice president di Aruba Voetbal Bond y segundo tesoro di ASU. El ta casá y tin seis yiu, tres mucha homber y tres mucha muher.

Central Library Moves To New Location In GOB; Gives Full-Time Service

Early this month, the Central Library in the General Office Building was moved adjacent to the Office Services Section in Room 250. The new location was formerly the Translators' Office. The library's entrance now opens into the Office Services Section, while the librarian, Mrs. Cornelia Sloterdijk, has her desk at the library's entrance.

(Continued on page 4)



LIBRARIAN MRS. SLOTERDIJK at new location, Room 250. BIBLIOTECARIA SRA. SLOTERDIJK na lugar nobo, Cuarto 250.

Alex H. Hoo Named Senior Engineer; Luis Giel Becomes Area Supervisor

March 1 promotions made Alexander H. Hoo a senior engineer and Luis R. Giel an area supervisor. Mr. Hoo is at present assigned as acting supervising chemist in Technical-Laboratories and Mr. Giel acts as regional supervisor in Mechanical-M&C.

Mr. Hoo's first employment was in the Executive Department in September, 1956. In 1957 he left for the U.S. with a Lago scholarship to study chemical engineering.

He returned to Lago in July, 1962 with a BS degree in chemical engineering from the Illinois Institute of Technology and was assigned as an engineer in Technical-Process. Prior to his recent promotion, Mr. Hoo had been on special assignment in Lab. Inspection since September, 1966.

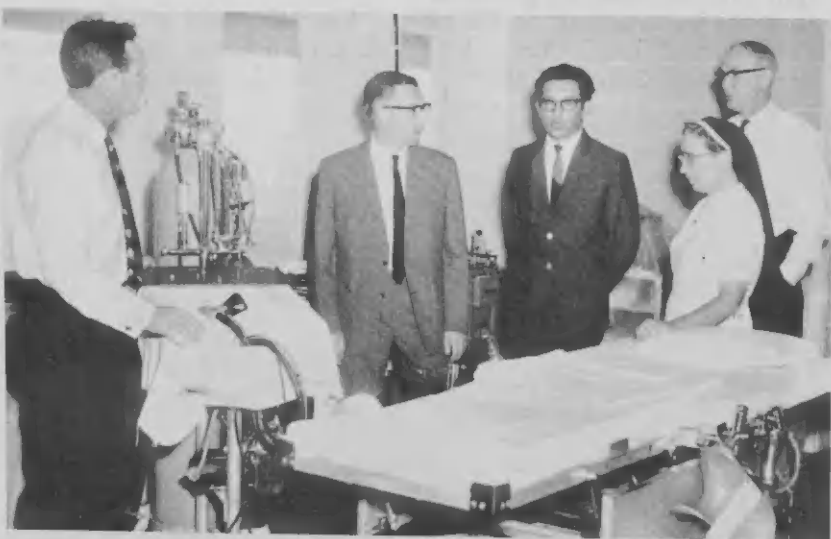
During his five years of service, Mr. Hoo followed a pro-

cess design course in Cali, Colombia, and an automatic process control course at Lago. He has worked as contact engineer on several refinery units.

Mr. Hoo likes baseball and soccer and assists in public educational programs, such as the cancer program and the science fair program on TV. He is married and has two children.

Mr. Giel was a Lago Vocational School student of the 1946 class. After graduation, he was assigned in the Mechanical Dept. where he remained until October, 1958, when he was transferred to Technical-Engineering. In October, 1964 he went back to Mechanical-Engineering as an engineering technician, which position he held prior to his March 1 promotion.

(Continued on page 4)



MR. DR. H. J. J. LEENEN, secretary-general of the National Federation of White-Yellow Cross in Holland (2nd from left) was a special visitor at Lago recently. Medical Director Dr. G. G. Hendrickson (extreme right) shows the guest around. Dr. J. de Ruijter (left) gives explanation in OB room. Dr. Leenen was accompanied by Sister Perpetua (2nd from R) and H. Tromp (3rd from R), both of the White-Yellow Cross in Aruba.



PUBLISHED EVERY OTHER FRIDAY AT ARUBA, NETHERLANDS ANTILLES.
BY LAGO OIL & TRANSPORT CO., LTD.
Printed by the Verenigde Antilliaanse Drukkerijen N.V., Neth. Ant.
E. Villanueva, Editor L. I. De Lange, Publications Asst.
J. M. De Cuba, Photographer A. Werleman, PR/IR Asst.

Enjoy A Safe Ride . . .

Many boys and girls in Aruba are involved in bike accidents every year. Sometimes even a life is lost in these accidents.

In the vast majority of bike-car collisions the youngster, not the driver, is at fault. In four out of five cases he has violated a law or traffic rule.

Most often, the National Safety Council points out, the youngster was killed because he mistakenly took the right of way, made an improper turn or disregarded a stop sign or traffic signal. Other causes include riding in the center of the street, on the wrong side of the street facing traffic or carrying passengers.

In Aruba, bikes are governed by the same laws as motor vehicles, and riders are required to obey traffic laws.

The following are some of the most important local regulations bicycle riders must observe.

It is prohibited:

- to let a bicycle be drawn by other vehicles;
- to ride a bicycle while not using at least one hand at the steering handle;
- to ride a bicycle while not having both feet on the pedals;
- to transport more than one person on a bike;
- to use blinding lights;
- to park where prohibited for other vehicles.

Bikes must be equipped with:

- properly working steering handles;
- a bell clearly audible at least 25 meters away;
- at least one properly working brake;
- at least one front white or bright yellow light at night;
- at least one red tail light at night;
- in addition, on rear fender, a white strip of at least 30 centimeters measured from lower end of fender.

Riders of bicycles may only use the extreme right side of the road or the sides of the road and may not ride beside each other.

For school children, the National Safety Council advises that a basket or saddlebag to carry books or packages may be used as an optional item to make your child's bike safer to ride. Both hands are then left free for steering.

The Council also advises parents that bikes should match the size of their riders and should be adjusted properly. Generally, the small 20-inch wheel fits the 5-7 age group; the 24-inch wheel is designed for 8 to 10-year-olds; and the standard 26-inch wheel is for anyone 11 or older.

Corriendo cu Seguridad . .

Hopi mucha homber y mucha muher na Aruba ta haya nan mes den accidentes di bicicleta tur anja. Tin vez hasta un bida ta ser perdi den accidentenan aki.

Den mayoria di boksmiento entre bicicleta y auto, ta e mucha y no e chauffeur cu tin falta. Den cuatro di cada cinco caso ta e mucha ta viola un ley of regla di trafico.

Hopi bez, asina Consejo di Seguridad Nacional ta munstra, e hoben ta ser matá pasobra el a kere cu e tabatin derecho di trafico, a haci un lorada incorrecto of no a pone tino na un senjal di stop of di trafico. Otro causanan ta corre den centro di camina, na banda robez di camina of lastra otro mucha ariba bicicleta.

Na Aruba, bicicleta ta ser goberná pa e mes leynan cu auto, y corredor di bicicleta mester obedece e leynan di trafico.

Lo siguiente ta algun di e reglanan mas importante cu un corredor di bicicleta mester observa.

Ta prohibi:

- pa laga bicicleta ser lastrá pa un otro vehiculo;
- pa corre bicicleta mientras no ta usa por lo menos un man na stuurwiel;
- pa corre bicicleta mientras no tin tur dos pia ariba pedal;
- pa transporta mas cu un persona ariba bicicleta;
- pa usa luznan skerpi di mas;
- pa parkeer unda ta prohibi pa otro vehiculo.

Bicicleta mester ta equipa cu:

- stuurwiel cu ta traha bon;
- un bel cu por ser tendi por lo menos 25 meter leuw;
- por lo menos un breek cu ta traha bon;
- por lo menos un luz blanco of licht geel padilanti durante anochi;
- por lo menos un luz corrá banda patras durante anochi;
- ademas, ariba e wardalodo patras mester tin un banchi blanco di por lo menos 30 centimeter, midí for di punta mas abao di spatbord.

Corredornan di bicicleta por usa solamente e parti mas na drechi di camina of e banda di camina y nan no mester corre banda di otro.

Pa muchanan di school, Consejo di Seguridad Nacional ta conseha cu un baki of tas pa carga boeki of paki por ta un bon cos pa haci e bicicleta di bo yiu menos peligroso pa corre, pasobra tur dos su mannan lo ta libre pa e stuur.

E Consejo tambe ta conseha mayornan cu bicicleta mester corresponde cu e grandura di e mucha y mester ser ahustá bon. En general, e wiel chikito di 20 duim ta pas pa muchanan di 5 te 7 anja; e wiel di 24 duim ta designa pa edad 8 te 10 anja; y e wiel regular di 26 duim ta pa esnan di 11 anja y mas bieuw.

Libreria Ta Move Pa Lugar Nobo Pa Duna Servicio Henter Dia

Poco dia pasá, e Libreria Central den Oficina Grandi a move cerca di office Services Section den Cuarto 250. E sitio nobo anteriormente tabata e Oficina di Traductornan. E entrada di e libreria awor ta habri den e Office Services Section, mientras e biblioteca, Sra. Cornelia Sloterdijk, tin su lesenaar na e entrada di e libreria.

E cambio di lugar awor ta permiti mas eficiencia, y operacion di e libreria durante henter dia y tambe mas flexibilidad den operacionnan di e grupo di Office Services den Oficina Grandi.

Den pasado, e libreria tabata habri solamente pa parti di tempo ora e grupo tabata falta hende pa motibo di vakantie of otro ausencia.

Aunque e sitio nobo ta un poco mas chikito, e rekkinan ta arreglá na un manera eficiente cual ta laga suficiente espacio pa mesanan y stoelnan cu mester ey den.

M&C Div. Makes Move To Cut Accident - Injury Frequency Rates in 1967

The Mechanical-M&C Division recently took steps to reduce on-the-job accidents and injuries this year.

Their all-accident frequency rate for 1966 stands at 46.5 and their all-injury frequency rate at 39.3. The Division now set their objective at 42 for accident frequency rate and 34 for injury frequency rate.

To achieve this objective, the M&C Division is giving training to area and regional supervisors as well as to tradesmen in craft tools, equipment, work methods and safe working practices.

The first of a series of safety discussions started in the middle of last month for supervisors on "Electrical Safety Procedures." These 4-hour sessions are under direction of Electrical Job Training Instructor Ricardo Geerman. Similar training sessions for other craft will follow.

Other steps for reducing accidents and injuries include updating the Work Permit Manual and giving training on its use to all Mechanical Department supervisors and tradesmen.

Safety films will also be shown once a month to supervisors and craftsmen and signalman training will be given to craftsmen and supervisors



THOUGH SMALLER, new library space is efficiently arranged to contain all books.

AUNQUE MAS chikito, e espacio nobo ta eficiente arreglá pa contene tur boekinan.

M&C Division Ta Tuma Paso Pa Reduci Cantidad di Desgracia Durante 1967

M&C Division di Depto. Mechanical recientemente a tuma pasonan pa reduci accidentes y desgracia na trabao e anja aki.

Nan cifra di frecuencia pa accidentes pa anja 1966 ta 46.5 mientras nan cifra di frecuencia pa desgracia ta 39.3. E Division awor a establece nan obhetivo na 42 pa cifra di frecuencia pa accidentes y 34 pa cifra di frecuencia pa desgracias.

Pa logra e meta aki, Division di M&C ta dunando un training den hermentnan pa varios trabao, equipo, método di trabao y practiconan pa traha cu seguridad.

E promer di un serie di discusionnan tocante seguridad a cuminsa na principio di luna pasá pa supervisoran ariba "Procedimientonan pa Seguridad Electrico". E reunionnan di 4 ora ta bao direccion di Instructor pa Trabao Electrico Ricardo Geerman. Sesionnan similar di training lo sigui tambe pa otro ofishinan.

Otro pasonan pa reduci accidentes y desgracia ta inclui revisamento di e Manual pa Permit di Trabao y dunamento di training na tur supervisoran y hombernan di ofishi tocante e manual.

who have not yet received this training.

To improve safety during turnarounds, the safety inspector will participate in daily planning meetings on unit turnarounds and make spot checks. The program also includes training on "How to Prepare and Conduct a Five-Minute Safety Talk."

Filmnan di seguridad tambe lo ser munstrá un bez pa luna na tur artesano y supervisoran y tambe training pa "signalman" pa esnan cu no a ricibi e training ainda.

Pa mayor seguridad, e inspector di seguridad lo participa den reunionnan diario di planeamento di trabao durante reparacionnan di planta y tambe haci checknan. E programa tambe ta inclui training "com pa prepara y conduci un Charla di 5 Minut ariba Seguridad."

Four CYI Suggestions Bring Cash and Bonus Awards During January

Two new suggesters were among the CYI winners for January. They were awarded bonus gifts in addition to their regular CYI cash prize.

L. V. de Kort, levelman in Process-Refining, received an initial award of Fls. 100. He suggested to install a by-pass line with a blockvalve adjacent to the visbreaker side tar safety relief valve to route the tar from the inlet of the visbreaker side tar heat exchangers to the blow-down line. Mr. de Kort also received a bonus gift.

Another new suggester was Joaquin J. Giel, assistant operator in Process-Refining. He received Fls. 25 for each of his two suggestions, and a bonus gift.

Fls. 45 went to Ferdinand R. Lo Fo Sang, an electrician "A" in Mechanical-Electrical.



REGIONAL AND Area supervisors in discussions on "Electrical Safe Procedures" under direction of R. Geerman, job training instructor.

SUPERVISORAN REGIONAL y di Area den discusion di "Procedimento pa Seguridad Electrico" bao direccion di R. Geerman.



PERSONNEL OF (Personal di) Aruba Engineering & Drafting Firm: (From front, left to right — Dilanti, robez pa drechi) G. A. Willems, W. Danker, L. Yarzagaray, G. Jansen, F. Dijkhoff, C. Maduro.



Ex-Lago Employees Start Engineering Firm, Repair Shop

Aruba now has two new service-rendering businesses established by ex-Lago men: the Aruba Engineering & Drafting Firm and the repair shop of J. L. Diaz for air conditioner and refrigeration equipment, electrical appliances and motor rewinding.

The joint initiative of five ex-Lago employees resulted in the establishment of the Aruba Engineering & Drafting Firm. The owners of this company are Gregorio A. Willems, director, Francisco Dijkhoff, assistant director, L. Yarzagaray, G. C. Jansen and B. Arends, board members. All these men had formerly worked in Mechanical-Engineering. The engineering office is at Lago Heights, Fort Heuvelstraat 16, Phone 5829.

Engineering & Drafting Firm

The company was started in November, 1965 with a capital investment of Fls. 25,000. Aruba Engineering presently employs 15 men, most of whom were Lago employees.

The engineering firm is one of the few in Aruba that offers field engineering, drafting, designing, materials estimating and equipment inspection services.

Their drafting services include piping, structural, instrumentation, electrical and

architectural drafting and making graphs, blue prints and dry photo copying work.

Their field engineering work covers surveying, harbor sounding and layout.

Although the bulk of their work assignments comes from Lago, they perform services for ACI, McKee, Elga, Werkspoor, Aruba Wegenbouw Mij, local merchants and private individuals.

For Lago they are doing drafting work and surveying for the Oil Movements Project. For the Alpine Geophysical Co. they check and maintain the wave and current measuring equipment installed in the sea west of the San Nicolas harbor entrance.

Some construction designs and plans the company made were for Hotel Central, the Mesker and Hong Kong Restaurant building, the RCA Club, Hubentud Christian Club, Antillean Mercantile warehouse and the new kindergarden at Noord.

The company purchased field surveying equipment, drafting boards, blue print equipment and a few automobiles and other items from Lago under arrangements with the New Small Business Committee.

The Engineering and Drafting Firm is open for business

from 7 a.m. to 12 noon and from 1 p.m. to 4 p.m., Monday to Friday.

Garcia's Electrical, Refrigeration Repair Shop

Jozef Leandro Garcia, once a Machinist A in Mechanical, now runs a shop for repairing airconditioners, refrigeration equipment, electrical appliances and he also rewinds motors.

Mr. Garcia has been repairing electrical equipment for about nine years. He has a diploma from the National Technical Schools.

Although he usually handles his repairs at their location, he also has a shop at his home on Esso Ville No. 37 and can be reached on phone 5774. He renders services to ships, merchants, industries and the public. His shop employs two men besides himself.

When starting his repair shop in December, 1965, he invested over Fls. 9000 in tools, equipment and a van.

At present, he is installing the refrigeration equipment for Ritz Icecream Factory in Oranjestad.

Mr. Garcia purchased some surplus equipment from Lago including a compressor, test bench, vacuum pump and other surplus material.

Servicio di Ingenieria y Reparacion Ta Iniciativanan di Ex-Empleadonan

Aruba awor tin dos negoshi mas cu ta duna servicio cual a ser lamta pa ex-empleadonan di Lago: Aruba Engineering & Drafting Firm y e shop di reparacion di J. L. Diaz pa airconditioner y equipo di refrigeracion, aparato electrico y pa pone waya nobo den motor.

E iniciativa conhuntito di cinco ex-empleado di Lago a resulta den establecimiento di Aruba Engineering & Drafting Firm. E donjonan di e compania aki ta Gregorio A. Willems, director, Francisco Dijkhoff, asistent director, L. Yarzagaray, G. C. Jansen y B. Arends, miembronan di directiva. Tur e hombernan aki anteriormente tabata traha den Mechanical-Engineering. E oficina di ingenieria ta na Lago Heights, Fort Heuvelstraat 16, Telefoon 5829.

Engineering & Drafting Firm

E compania a cuminsa na November 1965 cu un inversion di un capital di Fls. 25,000. Aruba Engineering actualmente tin 15 hende den su empleo, mayoria di nan tabata empleadonan di Lago.

E firma di ingenieria ta unico di e poco-nan na Aruba cu ta ofrece servicionan di ingenieria pafor riba tereno, pintamento di mapa, disenjo, calculacion di material y inspeccion di equipo.

Nan servicio di pintamento ta inclui pintamento pa tuberia, estructura, instrumentacion, electrico y arquitectura y trahamento di grafico y copia mapa y otro trabao di traha copia na mashien.

Nan trabao di ingenieria pafor ta cubri haci midimento, sondamento den haaf y trabao di layout.

Aunque e mayoria di nan trabaonan ta bini for di Lago, nan ta duna servicio na ACI, McKee, Elga, Werkspoor, Arubaanse Wegenbouw Mij, comerciantenan local y personanan individual.

Pa Lago nan ta haciendo trabao di pintamento y midimento pa e proyecto di Oil Movements. Pa Alpine Geophysical Co. nan ta check y mantene e equipo di midi forza di corriente y ola cual ta instalá den lama pabao di entrada di Haaf di San Nicolas.

Algun disenjonan di construccion y plannan cu e firma aki ta traha tabata pa Hotel Central, e edificio unda Mesker y Hong Kong Restaurant ta situá, Club RCA, Club di Hubentud Christian, un deposito pa Antillean Mercantile y e kleuterschool nobo di Noord.

E compania a cumpra equipo pa midi tereno, lesenaar di pinta, equipo pa traha copia (Continúa na pagina 4)



LEANDRO GARCIA has his refrigeration, electrical repair shop at his home, Essoville 37, but also performs repairs and installation work at location where his service is desired.



LEANDRO GARCIA tin su shop di repara equipo electrico y di refrigeracion na su cas, Essoville 37, pero ta haci reparacion y instalacion tambe na e sitio unda su servicio ta worde deseá.



ARUBA ENGINEERING'S field personnel at work in Tank Farm here are (L to R) R. Kock, M. Croes and M. Figaroa. PERSONAL DI Aruba Engineering na trabao den Tank Farm aki ta (R pa D) R. Kock, M. Croes, y M. Figaroa.

Huge Foundations For Three Tanks Being Built in Oil Movements Project

The foundation of a huge 630,000-barrel crude tank, 250 feet in diameter and 72 feet high, is now completed in the Tank Farm west of the Gasoline Pumphouse. On this site, Tanks 187, 188, 191 and 192 were removed.

On another site more to the west, two other foundations are almost completed for two 400,000 bbls. fuel oil tanks. These two tanks are being built on the site where Tanks 103, 104, 71, 72, 149, 150, 75, 65 and 66 had been located.

The largest tank now in operation at Lago has a capacity of 210,000 barrels and is located at the Snow Pile area.

The foundations for the first three large tanks and various pipe line tie-ins are the visible signs of progress in the Oil Movements tank consolidation and in-line blending project.

The Oil Movements Project includes the building of six large tanks ranging between 400,000 and over 600,000 barrels capacity, with 44" and 54" suction lines. The project, which will cost several million dollars, will reduce tanker turnaround by improving loading rates and coordination of the entire loading system.

Main contractor for the project is Arthur G. McKee and Company, assisted by subcontractors Chicago Bridge & Iron Works, Werkspoor, Aruba Engineering, Aruba Metals and Arubaanse Wegenbouw.

Jack L. Kelleway is the Oil Movements project manager. He is assisted by engineers R. G. Goley, W. J. Hedlund, E. J. Bardouille, W. van den Ban, B. E. Hottle, J. F. Flaherty, H. C. Quarles and Engineering Assistant H. B. Christiaans.



THIS FOUNDATION of a huge crude tank with other tanks in background may give an idea of its size.

E FUNDESHI aki di un tanki di crudo grandi cu otro tankinan banda patras por duna un idea di su grandura.

Esso Research Invents Portable Device To Detect "Free Water" in Jet Fuels

A portable device capable of detecting minute amounts of undissolved water in jet fuels has been developed by Esso Research and Engineering Company.

The development is a significant improvement over earlier, less exact techniques for insuring that jet fuel is sufficiently free of undissolved water. If present in excessive amounts, this undissolved water, or "free water" as it is called, can cause problems in parts of an aircraft's fuel system.

The new device, which is self-contained in a five-pound package especially designed for field use, is being manufactured by Gammon Technical Products, Inc. of Newark, under a licensing arrangement with Esso Research. Gammon, a manufacturer of specialized aviation fuels testing equipment, is marketing the device under the name of "Aqua-Glo." It is also possible to use the device to detect small amounts of water in many other petroleum products.

The portable device was invented by Don Caldwell of ERE's Products Research Division. It is a unique application of the fluorescence principle originally developed by the Navy's Aeronautical Engine Laboratory.

In general, the allowable limits of undissolved water in military and commercial jet fuels range from 5 to 30 parts per million. The Aqua-Glo can detect less than 1 part per million.

The free water content of jet fuels is usually checked several times between the refinery where it is manufactured and the engine where it is burned: in pipelines, at storage depots, at airports and in fuel tanks.

Hoo, Giel Promoted

(Continued from page 1)

In 1966, Mr. Giel had been on a six-month loan assignment with Fertica in Costa Rica and El Salvador as an equipment inspection advisor. During this time, he also made business trips to Nicaragua and Honduras.

Mr. Giel is a football enthusiast and likes fishing. He is now vice president of AVB and assistant treasurer of ASU. He is married and has six children.

NEW ARRIVALS

MIRLA MARCELA, Dau: Prislano R. Kock, January 16, 1967. Dept: Ref. Div.
DEBBY ROSALYN, Dau: Deoniso R. Henriquez, January 16, 1967. Dept: Mech. Adm.
SUSANNE NATALIE, Dau: Arcangel Boekhoudt, January 19, 1967. Dept: Ref. Div.

Esso Research Ta Inventa Aparato Pa Check Awa Den Comustible Pa Jet

Un aparato portátil cu por descubri un cantidad masha chikito di awa liber cu por tin den combustibile jet a ser desaroyá pa Esso Research and Engineering Company.

E desaroyo ta un mehoranza significante ariba tecnico-anterior cu ta menos exacto pa asegura cu combustibile pa jet ta suficiente liber di awa. Si tin hopi awa cu no ta dissolve, of loke ta ser yamá "awa liber", esey por causa problema den cierto partinan di e sistema di combustibile di un avion.

E aparato nobo, cu ta hincá den un paki di 5 liber especialmente trahá pa uso pafor, ta ser fabricá pa Gammon Technical Products, Inc. di Newark bao licencia segun acuerdo cu Esso Research. Gammon, cu ta un fabricante di equipo specializá pa test combustibile pa avion, ta bende e aparato bao number di "Aqua-Glo." Ta posible tambe pa usa e aparato pa descubri cantidad chikito di awa den hopi otro productonan di petroleo.

E aparato portátil a ser descubri pa Don Caldwell di Division di Investigacion di Productos di Esso Research. E ta representa un aplicacion unico di principionan fluorescente cu originalmente a ser desaroyá door di Laboratorio pa Motor Aeronautico Naval di Merca.

En general, e cantidad di awa cu no ta dissolve y cual ta permisible den combustibile pa jetnan militar y comercial ta entre 5 te 30 parti pa million. Aqua-Glo por descubri menos cu 1 parti pa million.

E contenido di awa liber den combustibile pa jet generalmente ta worde gecheck varios bez entre e refinaria unda el ta ser trahá y e motor den cual el ta worde usa: den tuberia, na tanki di deposito, na aeropuerto y den tanki pa transporta combustibile.

Central Library Moves

(Continued from page 1)

The relocation now permits improved efficiency, full time operation of the library and also more flexibility in the operations of the GOB-Office Services group.

In the past, the library had been open only part of the time when the group was shortstaffed due to vacations or other absences.

Though the new location is somewhat smaller, the shelves are efficiently arranged with sufficient space left for necessary tables and chairs.

Fundeshi Extensivo Pa Tres Tanki Ta Ser Traha Pa Proyecto di Oil Movts.

E fundeshi di un tanki pa azeta crudo di 630,000 baril, cu tin 250 pia den diameter y 72 pia halto, awor a ser completá den Tank Farm pabao di Gasoline Pumphouse. Na e sitio aki, Tankinan 187, 188, 191 y 192 a ser kitá.

Na un otro lugar mas pabao, dos otro fundeshi ta casi cla pa dos tanki di fuel oil di 400,000 baril. E dos tankinan aki ta ser trahá na unda antes Tankinan 103, 104, 71, 72, 149, 150, 75, 65 y 66 tabata situá.

E tanki mas grandi na uso na Lago awor tin un capacidad di 210,000 baril y esaki ta situá na sitio di Snow Pile.

E fundeshinan pa e promer tres tanki grandi y varios coneccion di tuberia ta e senjlanan visible di e progreso den e proyecto di Oil Movements pa consolidacion di tanki y mezclamento di producto den linja.

Servicio di Ingenieria y Shop di Garcia

(Continúa di pagina 3)

di mapa y un paar di auto y otro articulos for di Lago segun arreglanon haci door di e Comité pa Negoshi Nobo.

E oficina di Engineering and Drafting Firm ta habri pa negoshi for di 7 a.m. te 12 'or merdia y for di 1 p.m. te 4 p.m. di Dialuna te Diabiernes.

Shop di Reparacion Electrico y Refrigeracion di Garcia

Jozef Leandro Garcia, antes un Machinist A den Mechanical, awor ta dirigi un shop pa repara airconditioner, equipo di refrigeracion, aparato electrico y tambe el ta cambia wayanan di motor.

Sr. Garcia tabata haci e trabao di reparacion electrico y di refrigeracion pa como nuebe anja. El tin diploma di National Technical Schools.

E Proyecto di Oil Movements ta inclui trahamento di seis tanki grandi cu ta varia den capacidad entre 400,000 baril y mas cu 600,000 baril, cu ta usa tuberia di 44 duim y 54 duim hancho. E proyecto, cual lo costa varios miljon dolar, lo reduci e tempo cu tankeronan ta keda den haaf y ta mehora henter e sistema di carga y descarga bapor.

E contratista principal pa e proyecto ta Arthur G. McKee and Company, cu ta ser asisti pa subcontratistanan Chicago Bridge & Iron Works, Werkspoor, Aruba Engineering, Aruba Metals y Arubaanse Wegenbouw.

Jack L. Kelleway ta gerente di e proyecto di Oil Movements. El tin asistencia di ingenieronan R. G. Goley, W. J. Hedlund, E. J. Bardouille, W. van den Ban, B. E. Hottle, J. F. Flaherty, H. C. Quarles y Asistent pa Ingenieria H. B. Christiaans.

Aunque generalmente e ta haci e reparacionnan y instalacion na e sitio unda e equipo ta, e tin tambe un shop na su cas na Esso Ville No. 37 y su telefoon ta 5774. El ta presta su servicio na bapornan, comerciantes, industria y na publico. Su shop tin dos otro persona den servicio fuera di su mes.

Tempo cu el a principia su shop di reparacion na December 1965, el a inverti mas di Fls. 9000 den herment, equipo y un auto.

Actualmente, el ta instalando equipo di refrigeracion pa Ritz Icecream Factory.

Sr. Garcia a cumpra algun equipo surplus for di Lago, manera un compresor, banki cu aparato di test, un pomp di vacuum y otro materialnan.



FOUNDATIONS OF two new 400,000 bbls. tanks now under construction in Tank Farm.

FUNDESHI DI dos tanki nobo di 400,000 baril awor ta bao construcion den Tank Farm.



MISS E. BOEKHOUDT is secretary of Aruba Engineering. SRTA. E. BOEKHOUDT ta secretaria di Aruba Engineering.